

走向全球，菜鸟物流科技的探索和实践

A Journey to Global: Exploration and Practice of Cainiao Logistics Technology

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聚焦自动化与数字化，面向全球物流企业及企业物流客户输出 全场景综合物流科技解决方案

Focusing on automation and digitalization, Cainiao provides comprehensive logistics technology solutions for global logistics companies and corporate logistics clients across all scenarios



自动化 AUTOMATION

分拨自动化

大型
分拨中心

Large-Scale
Distribution Centers

快递
网点

Small-to-Medium-
Sized Courier Outlets

仓储自动化

基于四穿车的
上存下拣

4-way Pallet
Shuttle Solution

仓库操作
执行系统

Warehouse Control
/Execution System



数字化 DIGITALIZATION

数字供应链

供应链
业务管理

OWTB
System

供应链
控制塔

Supply Chain
Control Tower

物联网

一物一码

RFID OIOC
(one item one code)

RFID快递
解决方案

RFID Solution in
Logistics Sectors

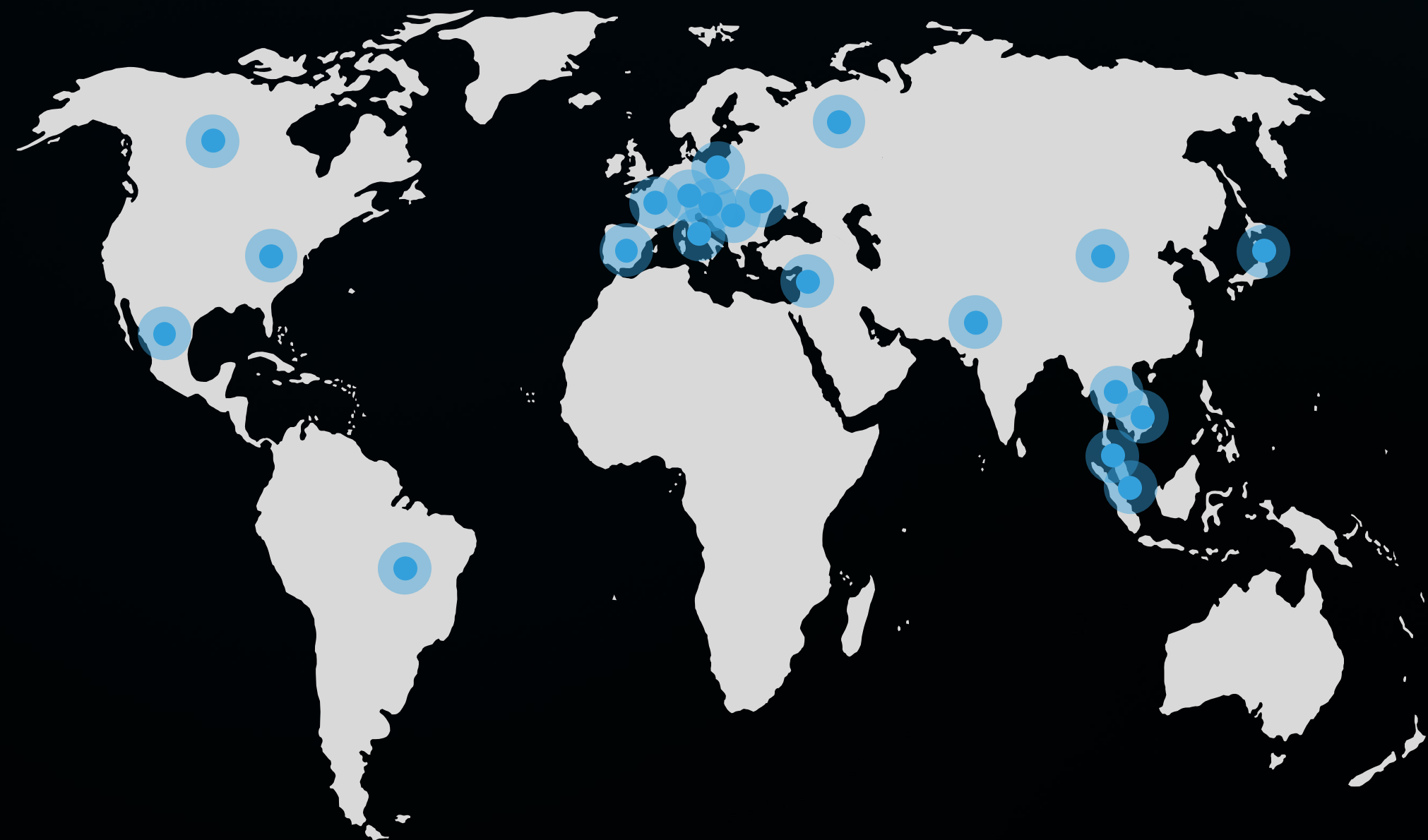
物流科技业务实践 Business Practices

业务落地 **20+** 国家

Global business footprint covers 20+ countries

交付 **400+** 数智化项目

Successfully delivered 400+ projects



全球企业

Global Enterprises



中国企业

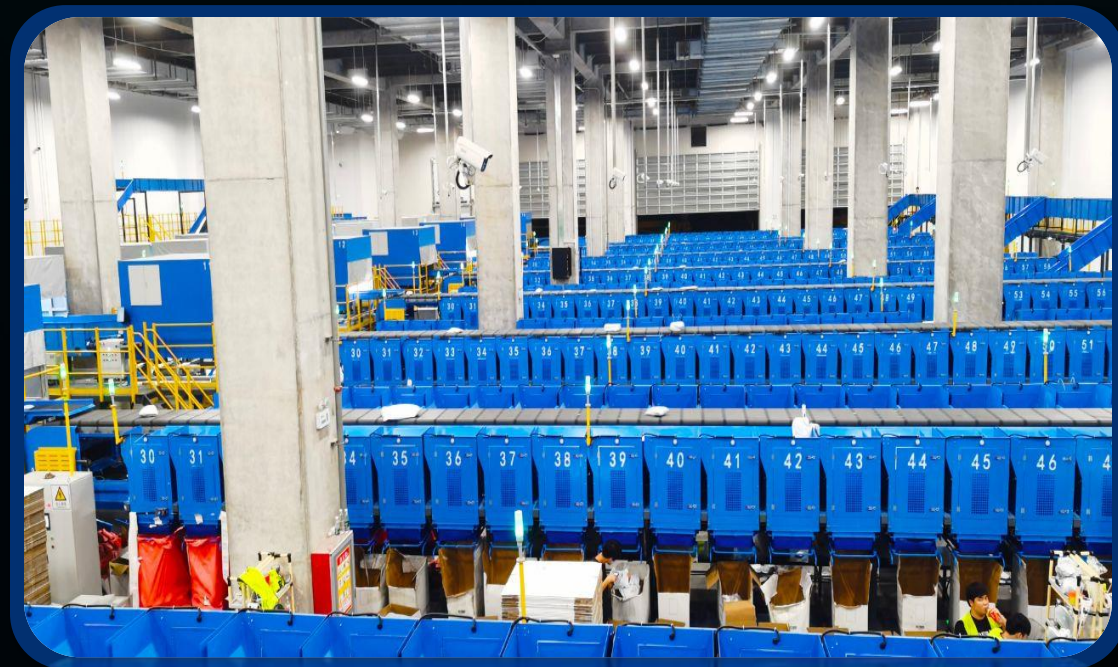
Chinese Enterprises





全球领先物流企业全场景自动化分拨中心

Established a large-scale automated distribution center for a global leading logistics company



国内首套规模化应用窄带实现全自动供包

亿级项目
高效交付

55天

日均处理
包裹量

220万

窄带飘格
错分率

0.44 ‰

Efficient delivery of a multi-million dollar project

Daily parcel sorting volume

Narrow-band misclassification



全球知名跨境电商物流企业海外分拨中心

Established an overseas distribution center for a world-renowned cross-border e-commerce logistics company



南美首个大小件混合分拣的国家一级Hub

处理
包裹量

5万/时

体积测量
误差

<10mm

Parcel sorting volume

Volume measurement precision



东南亚头部电商快递企业全自动智能仓

Established one of the largest AGV automated warehouse in South East Asia



东南亚首个AGV全自动化电商标杆仓

疫情期间
高效交付

4月

整体
效率 **100%↑**

Implementation cycle
during COVID period

Increase in
overall efficiency



全球领先汽车制造商厂内AGV统一调度

Built the first multiple brands/types AGV in 1 workshop system in the automotive industry



多品牌多类型AGV联合调度与混场运行

AGVs最大
同场调度

1000+

零部件拣选与
配送准确率

99.99%

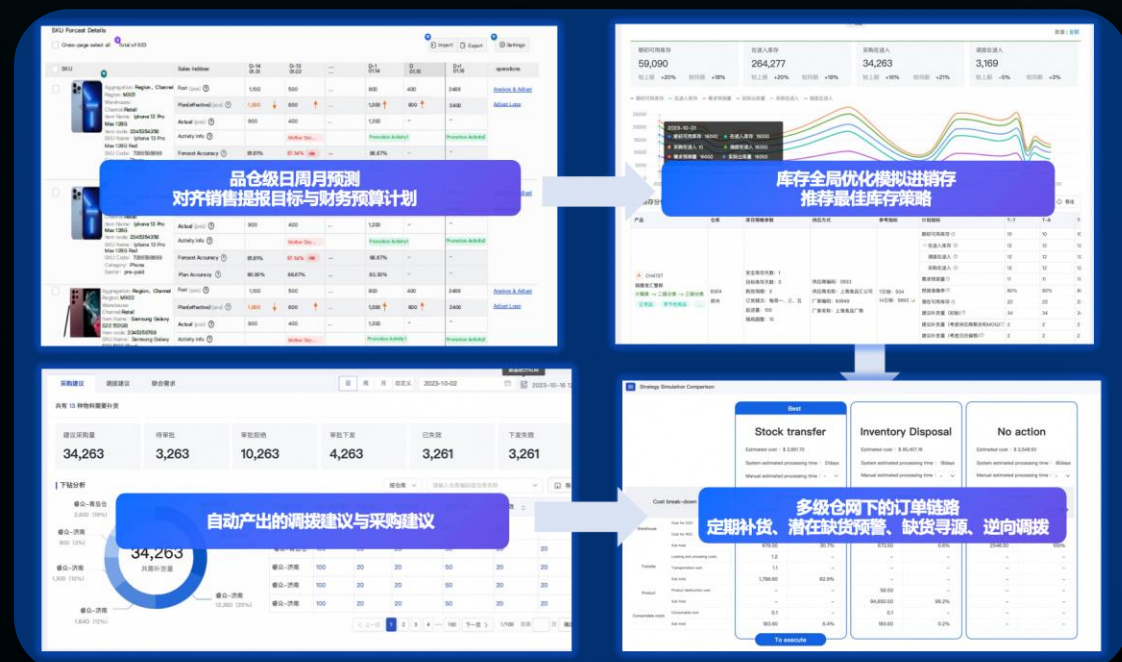
Maximum co-located
scheduling of AGVs

Accuracy of component
picking and delivery



日本大型服装企业海外仓数字化管理系统

Built a digital overseas warehouse management system for a large Japanese clothing company



多地海外仓数字化管理系统

海外仓覆盖国家 **3个**

Overseas warehouse countries

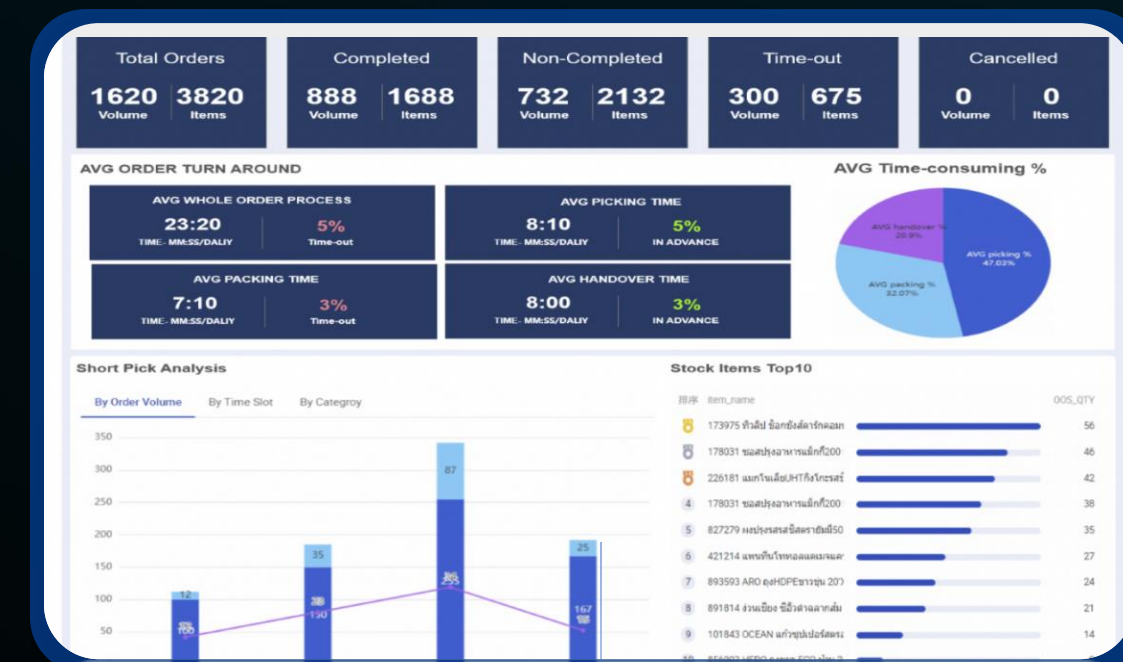
仓库拣选人效 **80%↑**

Warehouse sorting efficiency



泰国头部零售商超数字化门店仓储系统

Built a digital grocery warehousing system for a leading retail brand in Thailand



门店订单出库拣选

效率 **20%↑**

Picking Efficiency

门店单日订单履约

单量 **40%↑**

Order Fulfillment volume



全球领先汽车主机厂售后智能补货预测

Built a smart inventory system for a global leading automobile company



售后订单
月度需求预测

销量预测
准确率 **20%+↑**

Accuracy of sales
forecasting

售后零部件
库存周转

库存周转
周期 **15天↓**

Decrease in inventory
turnover days



墨西哥头部电信运营商智能采销计划

Built a sales forecasting system for a leading telecom operator in Mexico



订单年度
销量预测

销量预测
准确率 **20%↑**

Accuracy of sales
forecasting

多级库存
调拨计划

运营人效 **3倍↑**

Operational
efficiency



全球头部连锁快餐企业一物一码应用

Implemented RFID OIOC solution by a top fast food chain brand



“原料供应-仓库盘点-门店作业”
全链路RFID应用

全球TOP
食品供应商

7家

库存
准确率 **30%+↑**

库存盘点
人效 **3倍↑**

Top global food
supplier

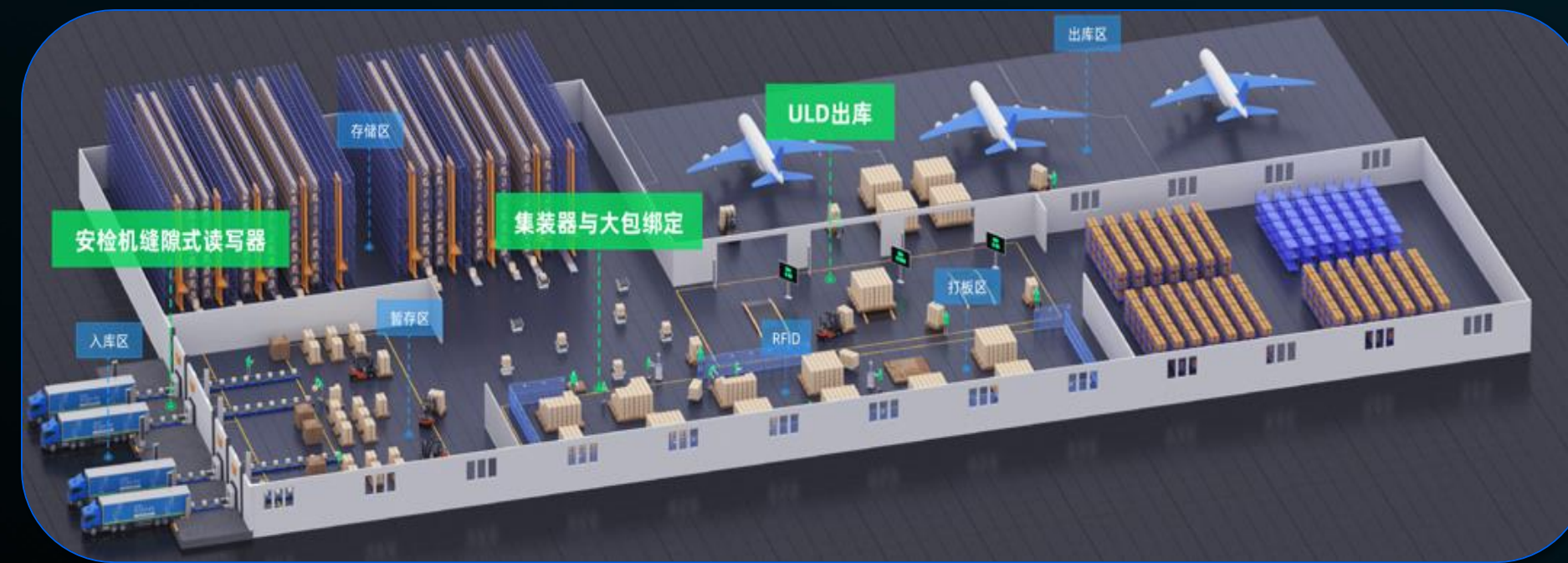
Inventory
accuracy

Inventory counting
efficiency



全球领先跨境物流企业RFID全链路应用

Implemented Full-Link RFID solution by a leading cross-border logistics company



“国内揽收-干线运输-海外枢纽”
跨境包裹全链路追踪

RFID采集
节点增加

11↑

识读
准确率 **99.5%**

扫描
成本 **87%+↓**

Data collection
nodes increase

Recognition
accuracy

Scanning
costs decrease

与菜鸟物流科技一起创造新可能!

The moment has arrived to venture into the global, Cainiao Logistics Technology teams up with you for the journey together

全球市场

Global Market

项目落地数

Project Fulfillment No.

1000+

Global business footprint covers 50+ countries

海外业务收入占比

Proportion of Revenue from Overseas Business

50%+

全球合作伙伴

Global Partnership

海内外优质伙伴

Global Premium Partners

100+

CAI NIAO 菜鸟

×

accenture
埃森哲

供应链数字化成熟度模型

产品研发

Product Development

快递分拣自动化

3D存储自动化

供应链管理软件

一物一码方案

供应链控制塔

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THANKS